

1 36698/JFO/B600

APPARATUS FOR ETHERNET  
PHY/MAC COMMUNICATION

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ABSTRACT OF THE DISCLOSURE

10 An integrated Ethernet PHY/MAC apparatus having a single  
link partner capability register shared between a PHY and a  
corresponding MAC, which implements IEEE Standard 302.3,  
including IEEE Standards 802.3u and 802.3x. Apparatus also  
includes plural PHYs, each having a corresponding MAC integrably  
coupled therewith such that an integrated multi-port Ethernet  
device is realized. A network consists of at least one integrated  
Ethernet PHY/MAC device having a single link partner capability  
15 register.

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